

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/015201

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B33/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 4 823 950 A (ROZE PAUL F) 25 Apr11 1989 (1989-04-25) column 3, line 25 - line 34; figure 4	1,2
P,A	WO 03/050812 A (SIN KAMAN ; GELARDI JOHN A (US); GIDION PETER L (US); THIBAUT RICHARD) 19 June 2003 (2003-06-19) page 6, line 1 - page 7, line 11	1,2

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

26 October 2004

Date of mailing of the international search report

03/11/2004

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Information on patent family members

International Application No

PCT/US2004/015201

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4823950	A	25-04-1989	NONE	
WO 03050812	A	19-06-2003	US 2003106814 A1	12-06-2003
			CA 2469637 A1	19-06-2003
			EP 1454320 A2	08-09-2004
			WO 03050812 A2	19-06-2003